

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Cinnamomum camphora*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
67	1,8-CINEOLE	Leaf	3120	6240	0.272399646480241	
6	ACETALDEHYDE	Plant	--	--		
16	ACETIC-ACID	Plant	--	--		
20	ALPHA-BISABOLOL	Plant	--	--		
11	ALPHA-PHELLANDRENE	Leaf	--	5	-0.3107755014610589	
28	ALPHA-PINENE	Leaf	140	280	-0.206365650085	
28	ALPHA-PINENE	Plant	--	--		
13	ALPHA-TERPINENE	Leaf	24	24	-0.29996070133815805	
23	ALPHA-TERPINEOL	Leaf	460	920	1.0247141807833626	
10	AZULENE	Plant	--	--		
5	BETA-ELEMENE	Leaf	--	--		
2	BETA-MYRCENE	Leaf	60	120	-0.4581672858252234	
13	BETA-PINENE	Plant	--	--		
13	BETA-PINENE	Leaf	140	280	-0.016132018086670048	
3	BETA-SELINENE	Leaf	--	--		
35	BORNEOL	Leaf	--	290	-0.11653785594477525	
4	CADINENE	Plant	--	--		
102	CAFFEIC-ACID	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
9	CAMPHENENE	Plant	--	--		
9	CAMPHENENE	Leaf	--	5	-0.19080294405308876	
41	CAMPHOR	Leaf	96	220000	4.682939389519441	
1	CAPROIC-ACID	Plant	--	--		
5	CAPRYLIC-ACID	Essential Oil	--	--		
37	CARVACROL	Plant	--	--		
31	CARYOPHYLLENE	Leaf	--	--		
1	CIS-3-HEXENOL	Plant	--	--		
3	CIS-OCIMENE	Leaf	24	24	-0.7442496359165387	
15	CITRONELLOL	Plant	--	--		
5	CRESOL	Plant	--	--		
1	CUMIN-ALCOHOL	Essential Oil	--	--		
10	CUMINALDEHYDE	Plant	--	--		
7	CYANIDIN	Plant	--	--		
1	DIHYDROCUMINYL-ALCOHOL	Plant	--	--		
7	DIPENTENE	Essential Oil	--	--		
76	EUGENOL	Plant	--	--		
15	FIBER	Plant	--	--		
13	FORMIC-ACID	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
6	FURFURAL	Plant	--	--		
11	GAMMA-TERPINENE	Leaf	35	70	-0.23695510353549756	
13	GERANIAL	Leaf	--	--		
35	GERANIOL	Leaf	--	--		
5	GERANYL-ACETATE	Leaf	--	600	2.2142631472159238	
2	HUMULENE	Plant	--	--		
2	ISOBUTYRIC-ACID	Plant	--	--		
1	ISOVALERALDEHYDE	Plant	--	--		
75	KAEMPFEROL	Plant	--	--		
7	LAURIC-ACID	Plant	--	--		
1	LEUCOCYANIDIN	Plant	--	--		
60	LIMONENE	Leaf	48	120	-0.3215441365546516	
7	LINALYL-ACETATE	Leaf	48	14400	2.0459555933839066	
20	METHYL-EUGENOL	Plant	--	--		
2	METHYL-ISOBUTYL-KETONE	Plant	--	--		
22	MYRCENE	Leaf	48	96	-0.13803370001981477	
6	MYRISTIC-ACID	Plant	--	--		
4	NERAL	Leaf	--	5	-0.3854017168522382	
10	NEROL	Leaf	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
11	NEROLIDOL	Essential Oil	--	--		
5	NERYL-ACETATE	Leaf	--	528	0.1308387585063322	
16	P-CYMENE	Leaf	--	5	-0.39595950422688736	
4	PHELLANDRENE	Plant	--	--		
7	PIPERITONE	Plant	--	--		
2	PIPERONAL	Essential Oil	--	--		
2	PROPIONALDEHYDE	Plant	--	--		
6	PROPYONIC-ACID	Plant	--	--		
176	QUERCETIN	Plant	--	--		
5	SABINENE	Leaf	595	1190	0.4969872574676423	
29	SAFROLE	Leaf	--	--		
23	TERPINEN-4-OL	Leaf	135	270	-0.18615500996262355	
9	TERPINOLENE	Leaf	24	24	-0.2015216107735257	
28	VANILLIN	Wood	--	--		